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Date of Deposit: September 1, 2004

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SEQUENCE LISTING

<110> Liew, Choong-Chin

<120> Method for the Detection of Depression Related Gene Transcripts in Blood

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<140> 10/812,702

<141> 2004-3-30

<150> US 10/802,875

<151> 2004-03-12

<150> US 10/601,518

<151> 2003-06-20

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<151> 2002-10-09

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<170> PatentIn version 3.2

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 <213> Human

<400> 15
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 cccacatttc catttttaat atatactgtg ctttaciaat attataatat gttttaaaat 180
 atgttcacag aagcacctgg tctgtgaatg gcatgccagc attaaaaaaaa ataagcattc 240
 tttgaatata tatttagttt tttaatgtgg taggaaaatc aaagccagag ggagtagaaa 300
 caaaatttgt gattttctaa atacttcttg gctgcaggga agaaaccacg tcccaggcga 360
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 accaagatgg tcaacaga 438

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ctttaaggnt tgggggaatt ccccaaaaa aggaaaaaat tttcccgggg gccccaccgg	120
aaagggggaa ggcccccaa accggggggg gggnaaaaag gtgggtttcc ccctttttcc	180
aattcccaa accaatttcc aaaaggnaaa ccaacnttc ccaaaatggg aaagg	235

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caaattgggg ggnaaaccaa atttaagggg ggaagggggg gncccccccg ggaaaggccc 180
aaggggggaa aattttttccg ggggtgggtn gggggaacca atttaagggg ggggcccccg 240
gggggggtcc ccttgggcn tttttccttt tgggthaaaa aaaaaaaccc cttg 294

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SEQLIST~1.TXT

<213> Human

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 ctgtacttga actctaaaac tgttggagaa actcagtgtc taccccaaca gattcatttc 180
 aaatagctgt aaaagggtatg ttctactccag aagaccagag ttgcttcttt tgaacttctc 240
 attccttggg cctaggaacc ctcatcacc tcatccaac gtcaaccag atcttctctt 300
 ccataaacag cactccctca ggccccctgcc tgacacaggc atagactgtc atgttggatt 360
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tttaggcggc accccaacaa caccaggccc tactttttcc aaggncgggg aagcccatgg 180
gttctgggna acgggcaatg cgggcttgca acgggnggaa naaaaacagn cccaaaagaa 240
tg 242

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<213> Human

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tctcagctca ctgcaacctc cacctctcag gagaattgct gaacctggga ggcggaggtt 120
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c 181

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ataatggaag atagctntga ggatnaacnc tggtnaggg 100

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 cggaaggcc nttggggaaa aaaccaangg ncaaaccccc ccaaccacnc ggcccccccc 120
 aaggggggtg gggaagagcc aaatttcttt gggaaanaac gcccccttgg ggaaaaanaag 180
 gcccaaccacc tttcaacanc ccccaangcg nggaagccat ttcttgg 227

SEQLST~1.TXT

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 ggaagaattg tatgtgggag tttttaatgg tctcatttca ttggctataa ctcagttaca 180
 aggagaaaata taactgcaga ggagctttga aaatttagtt cagctgaggg taaaggaaga 240
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ttgaggcgaa aggactcgcg gatttgacgc ttgatgcggt tgcgctcgac ggcgagcttg	180
acgctctttt tgccgatcac caaacctagg cggggatgat caagctggtt atcgcgcgct	240
agcagcagga cacttttgcc cgggagcttt accgcttggg gagtcgaaga ctgccttgna	300
ttgccgggga gtcagcagtc gctttttccc ggnccaagcc tcgaactcac cancctgtct	360
ggattaatta gacagcaaga cgcttgccgc ccctttggcg cgaacgaacn ncgaaaagga	420
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gagaaccccg cacaccgaaa ggctaaggat tcctccgcta tgtcaatcaa cggaggggta	180
gtcgggtact aaggcgtag cgaaggcgaa gcgccgatgt gaaggggggtt aatattcctc	240
cacttgccat gcgtgtgaat ccatgacgga gacgaagccg ggggtgcgtc ctgacggaag	300
tgggcgccag caggggcggc cttcgggcca aaccgaacct caggtcanac ttccaagaaa	360

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agtgggtgaa acgccagcgc atggcaaccc gtaccgcaaa ccgacacagg tagccggggg	420
anaacatcct aaggngctcg agagtacttt ctagagcggc cgcgggcccc atcgantttt	480
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aagaaggaac ccaccctngg ggccaaacaa aaacttaaaa acccccccat ttctncccc	180
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ggtgctcctg cgtttggtgact gtgcaggcct ctctatgct gatgcgtctc cccactcctg 180

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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<223> n is a, c, g, or t

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ctcagactgc aaantgthn nctgncnnan nntgngact gtccngncng atttnnngcn	120
tgnaatacta ttgcctctta tatacacnac caannntgcg aagggnann nnacctttnc	180
cantnnnctg gggncaccacn nnnngngaact gagagtggat cttgtgtacc tgacnnacca	240

SEQLIST~1.TXT

gntntnnagn agggcgctca ctctgattgg tgcacatgg ttacacagtg tgtgcaaaga	300
ccngnctatc tcaactganga tgattgncag ngccnntggg tggcacnang ggnactgatg	360
ancancactg accctgccga cgccagangc cgcanaatccg gagantncat gngacnatat	420
aggttacnc cttcnaccgg gcancaatct gcttctatgg tgaatgcaga ccatntagaa	480
ntctntcnct ataggcatga ttttnnncag tgcgtcagcc ttganaanga ancnnacttt	540
tgntagatga nnnngtgctc ncccttgnng ctnacaaatt ccancaccnt tgggtggcngc	600
agccnttaag ancacttntt ttgggttgcg ctnttggatg aattacnaat agnntgtttt	660
gttncaaggc cttctgcna aatatgaana aaagngcnct tagctttttg ngggaactgn	720
actggaaatt ttg	733

<210> 53
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 <223> n is a, c, g, or t

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 <223> n is a, c, g, or t

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 <223> n is a, c, g, or t

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<223> n is a, c, g, or t

<220>

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<222> (74)..(74)

<223> n is a, c, g, or t

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<221> misc_feature

<222> (80)..(80)

<223> n is a, c, g, or t

<400> 53

gatcagacaa gancntgggtc cacagcggga cgagagntct cnannctgcn ggggagnnnc 60

caagtacgcn agcncctgaan ctaaagcaag caagaaaaag 100

<210> 54

<211> 515

<212> DNA

<213> Human

<400> 54

atatggcaag gataaccccct atacttctgc ataatgaatt aactaaaata acttgcaagg 60

agagccaagc taaacccccg ataccgacga gtaccagaac aggtaagcac cccgtctatg 120

tagatatggg aagattatag gaggcgacaa ctaccgagcc tggatgatagc tgggtgtccaa 180

gaagagtctt agttcattta tttggcccag aaccctctaa tccccttgta atttatgtca 240

agaggaacag ctctttggac actggaaaac cgtgagagag taagatttac acccttaggg 300

gcctaatagc agccaccatt aagaaagcgt tcgctccaca cccactacct aaaaatcgaa 360

tataactgac tcctcacacc caattggcca atcattcccc tataaaagaa ctatgttagt 420

ataagtaacc tgaaaacatt ctctctgca taagccctgc gttggattat atcctgcact 480

gacaattaac tgccccaata tctacaatcc aaccc 515

<210> 55

<211> 176

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (5)..(5)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (32)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (40)..(40)

<223> n is a, c, g, or t

SEQLIST~1.TXT

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 <222> (60)..(60)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (62)..(62)
 <223> n is a, c, g, or t

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 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (107)..(107)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (155)..(155)
 <223> n is a, c, g, or t

<400> 55
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 cntatctcaa ctaatnataa atgggaaaat gggcaactgg gcaggcngaa cccagagggga 120
 agcctgccct cattagacca agacagcaag gtttncctg gtcactagat gaaatt 176

<210> 56
 <211> 317
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<400> 56
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 atgtgggatg tgacctccta ggactcacct tgcacagctg ggtgcagcag ggataggtaa 120
 ggatttgggg tttagaggta caattgcctt tttatgggta gagaaagggtc ctggggctgg 180
 agggagcctg acgatctgct ctgtgtgcaa ggggagagtt aactctgcac gcaagagcct 240
 gcttaaaggg ctgtgtcagt tctattgtaa acaccaactt aaagtgggtgg atgctggcag 300
 acattgttat tgccatt 317

<210> 57
 <211> 209
 <212> DNA
 <213> Human

SEQLIST~1.TXT

<400> 57
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ctggactgga cactgtatac ccacatgcaa gatgaagttg gccccttaca tcctatacgc 120
aggagaattg cgtcatttaa agcctgttga cgcttttctc ccgcagacga atggaaagat 180
taattgggag tgggggctga aacaattcg 209

<210> 58
<211> 262
<212> DNA
<213> Human

<400> 58
aattttgctg ttacatggtg gctcaactga gtcccatact ttgaaggccg ggagttaatc 60
acctggtcac cgagttgcga accagcctcc aatatgtgga accctgtact ctctaaaaat 120
caaatcaccg gcattggagat tgcgcctgtg gtcccaaaaat actcgggctg ggacacgatg 180
agttgcttgg cccaaggaag gaggggttga tggctgatca cactggtccg cctgggtgac 240
agagcgagac tccatctcta at 262

<210> 59
<211> 430
<212> DNA
<213> Human

<400> 59
gtcagtttat ttctgactag ggatattttc tttccattta gaaaagaaga aaaaaaaaaa 60
aaacctttat tgtcttacag gggggaacta gcgcggggct gaataaaacc tttggccctt 120
cccgggggag ggggtatccg tttataaacc ccaagggtat tttcttagca aaatacttaa 180
aaccggcccg ggtttttata caaactggga acccactttt gaaaaatttt ggccttttga 240
tctgggatgg gaatatgagt tttatacat ttcattttct ttttgggcaa aggcccgggt 300
aagtattccc ccccgggggg cttttacaaa aaggcggtt taaaagctt ttgggcccc 360
ctaggggaatt gttttaacac ctaaaaaccc ctgcttcct taaaggggcg ttctttaatt 420
tgggggcggc 430

<210> 60
<211> 350
<212> DNA
<213> Human

<400> 60
aaacctctct aactatatat cacaataacc tgcgcataag atttacgctc cgatcttttc 60
atcctactag cttggaggat ttgaaccgat tatgaatacg caatactccc ggtcctcatg 120
tatcatgtgt aagcccatct cctgggaggg ctaacatact accatctcca aggagaggca 180

SEQLIST~1.TXT

tgattccgaa tcacccacag acagctcgat caccatacgt atcacccaac atatatacct	240
tctaagactt gctagaaaca accaccacat ttgatgctta atcaccactc tgacgcgcgc	300
taaagtgagg ggactctcct aatttctgta agttgatttt tgcattctga	350

<210> 61
 <211> 515
 <212> DNA
 <213> Human

<400> 61	
cacataaatt ctccataagt taattagtga ttttaacatg atctcaatat aaacatagca	60
cactttcttt gagaattcaa catattgcaa gttaaaattt tcatagacta cacaagaaa	120
aataatcagg caaatcctta agaataaggg caattaagga tgactagccc tacaagattt	180
taaaaaggat tcattagttt aaaaaatgtg atgtagatac atgaataaaa taaaatcttg	240
aagtagatcc aaatatacat ggtagcagttg aatacaataa agatggcatc gtagcagttg	300
agaaaagaag aattatttca taaaccttgt tggaatggct aggcaatcat ctggaaaaaa	360
atgaagtga ataataaaaa tatattctac actagcacia attataaata aagcagtgat	420
ttaaatgaga aaaattaaat cataatgatt tcaaagataa cataggataa tttctttata	480
gtcttctaaa atatatgact ttatgaattc tgact	515

<210> 62
 <211> 611
 <212> DNA
 <213> Human

<400> 62	
caagtacttt accaactaag ccaatcttgt cccagccag gcatttctat acaaagggcc	60
aagacttttg ttttataaat aaggaggtat atataaatta tatatatttc tgagctgagt	120
aataatccac cagatacaag ttgcatcaa cttctgtgaa atattttttt tcctttttgt	180
tgggcatttt tatggctctaa atatagaatg accaatgcct ctagaacaaa cttgacctgg	240
tcagtgttat caagaagcag actgtttctt actttctttg tatttcctta cttattttaa	300
tttgttaaaa ttgatataat gatataaaa acttcttttg ccagtgttg tggcacacgc	360
ctttaatccc agcacttagg aggcagaggc aggggtggatt tctgaatttg agggcaggct	420
agtctacaga gcaagttcca ggtagccaa ggctatatat agaaactctg gcatgaaaaa	480
ccaaccaaac caaaccaaac caaaccagac cagaccagac cagaccagac caaaccaaac	540
caaaccagac taaaccaaac caaaccagac cagaccagac cagaccagac cagaccagac	600
cagaccaaac t	611

<210> 63
 <211> 291

SEQLIST~1.TXT

<212> DNA
<213> Human

<400> 63
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taatgcgaat atacttcctc ttctttttgc atggctcttg ccagcctctg caatactgat 120
gaacacatgc tgaagatcat ctaactcaat atggcgcata tttctatgtc ttgctgcccc 180
ggacatagga caacttcgtc gctcactagt tctaacatat taatgctggc gtaggtggag 240
aactactgca catatactct tactcggagg ctgaggcacg aggatcactt g 291

<210> 64
<211> 309
<212> DNA
<213> Human

<400> 64
gccagatgcc gtgtttcctc gatgaactct ttacatcatt ggctattcag tggagtgttt 60
cattatcacc tctcactctc gcgtgttacc taactctccc tcgcagggga aatcactcca 120
tatatttcaa atgtcttgct aacagtgggt actttgctct atccttagct atacgtctcg 180
aggcacattg ttctctatg ccccgtacg ctttggccta gagctcggcg gtatctatat 240
cttaactgcc ctcttgatcc ttacgtgccg gagaagggtg aggcagaaat tttgtcaaat 300
ctgattaga 309

<210> 65
<211> 278
<212> DNA
<213> Human

<400> 65
tagaatggaa tggagtcgaa tgtgatggaa tggacgcgaa tggaatggaa tggactcgaa 60
tggaataaag tggaatagac tcgaatggaa tggaatgcaa tggaatggac tcgaatggaa 120
agggatggaa tggactcgaa gggaatggaa tggaatggat tcgaatggaa aggaatggaa 180
tggactcaaa aggaatggaa tggaatggac tcaaattggaa tggactcgaa ttgaatgaaa 240
tgtaatggaa tagactcgaa tggaatggaa cgaaattt 278

<210> 66
<211> 142
<212> DNA
<213> Human

<400> 66
agttctcctt aggttaatta atggaatgca atcccaatga aaatgtcacc aaagtgtgtt 60
tttttttaac tgtaggaggt ttataataat gctcatatgg aaaaataaaa catgtaaaaa 120
atagctagta aactccccct gt 142

SEQLST~1.TXT

<210> 67
<211> 286
<212> DNA
<213> Human

<400> 67
atatctgcca tcctcatcgg ccaatcgtgt tattttgatg acgaatgctt cggagattgg 60
aaagatgata tcctcatgct tccatgcact gcgagtagaa gacatactga gcatagtgtg 120
attatttttcc caacaaattg gcattcatag atagaataag ctgactaaga ctacttagcc 180
ccacattttt ttctacttgc tccaatagca ctaacaaata ggaagctctt gcttgctccc 240
caaagctcca tttccttgaa agcagaagtg taatattact tcttag 286

<210> 68
<211> 179
<212> DNA
<213> Human

<400> 68
atctactttt tattcttttg ataaatgttt atgaaatata aaatactgaa aattagaaaag 60
tagaagtcata tattttatta taaaacatgt ggattagata ttttcattta tgtgattaaa 120
ctttctaaac aaagattata tgaattatct taaagattta aaaagtaatt aagttaaatt 179

<210> 69
<211> 390
<212> DNA
<213> Human

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<222> (356)..(356)
<223> n is a, c, g, or t

<400> 69
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cttcagtcta agaacgtaaa tccatggaag aatttttaagc aggggtgtgc cttgaccaca 120
ttttgaattc taaactgtct ctgggtgggt gtgggtgccca ccaagagcat gtgttcatgt 180
aggggagactg gttttttaca gttgtctatg agagagatga cagttgcctg gattatgggtg 240
gtgacattgg agataagcag gtagacagat tctcagtgtg ttaggagaga aaaatcaata 300
ggaaatttaa aataaataat taactgtggc cataggagga aggagtcttt gggttngggt 360
ctcaatttct gcatgagaaa aaaggtggac 390

<210> 70
<211> 481
<212> DNA
<213> Human

SEQLST~1.TXT

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> n is a, c, g, or t

<400> 70
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 gatgacataa aatgagatga aatgagatgt aatgatggaa tgagatgaga tgaaatgaga 120
 tgaaatgata gatgagataa aatgatgata tgaaatgatg agatgaatga tgagatgatg 180
 agatgaatga tgaaatgaaa tgatgagatg agatgatgaa atgaaatggt gagatgaaat 240
 gatgagatga aatgaaatag tgaaatgaaa ttgaaataaa atcgaaatga gagatgaaat 300
 gatgagatga tgaaattgat gaaatgatga gatgtgatga gatgaaatga tgagatgaga 360
 tgagatgaca tgaaataatg aaatgaaatt gaaatgagat aagatacgag ctgagatgca 420
 atgagatgaa atgatgagat gaaatgaaat agtgaaatga aattgaaata aaatcgaaat 480
 g 481

<210> 71
 <211> 125
 <212> DNA
 <213> Human

<220>
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 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
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 <222> (45)..(45)
 <223> n is a, c, g, or t

<220>

SEQLIST~1.TXT

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<222> (49)..(49)
<223> n is a, c, g, or t

<220>
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<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (77)..(77)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

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<222> (90)..(90)
<223> n is a, c, g, or t

<220>
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<222> (100)..(100)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (110)..(110)
<223> n is a, c, g, or t

<400> 71
cggtn gcaat tggggg ccnc atacgcgcng acgagtantg gncangctnc ttgactacac 60
ngacgcgccg tacaggntna attatgggnan cttacatggg aaaggggcan ctcaatgtcc 120
cacag 125

<210> 72
<211> 473
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (151)..(151)
<223> n is a, c, g, or t

<400> 72
gaaatgaaat aatgaaatga gatgaaataa cgaaataaaa ttgaaatgag atgagaggaa 60
atgagatgaa atgttgaaaa gaaaggagga aatgatgagg tgagatgaaa tgatgagatg 120

SEQLIST~1.TXT

aaatgaatct gagatgaaat gagatgaaaa ntgatacgaa aaatgatata aaaaaatatga	180
cctgagatga aatgagatga aaaatgatac gaaaaatgat ataaaaaata tgacatgaaa	240
tgaaatgaga tgatatgaaa tgacataatg aaatgatgaa ttgatgatat tgaaatgaaa	300
ttgaaagatg agatgaaatg atgagatgaa atgaaatgtt gaaatgatga agagatgtga	360
catgaaatga gctgaaatga gatgaaatga aatgagatta aatgatgaga tgaaaaatga	420
tgagatgaaa aatgagatga gatgatgaga tgagatgaga tgaattgaga tga	473

<210> 73
 <211> 500
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (16)..(16)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (233)..(233)
 <223> n is a, c, g, or t

<400> 73 aatgagnatg aaaagnatga aatgatgaga tgaaatgaaa tgatgagatg aaatgaggtg	60
aaatgaaatt agatgaaatg taatgagatg aaatgaaatg acctaatagaa atgaaataat	120
gaaatgagat gaaataaaaat aatgaaatga tgaaataatg aaatgaaaat gagatggaaa	180
tgatgagatg agaagaaatg atgagatgaa atgatgaaat gatgagatga ganaaaatga	240
gatgaaatga tgagatgaga tgaaatatga tgagttgaaa tgacataatg aatgaaatga	300
tgaaatggaa taatgaaatg gaaatgatga gctgagatgc aatgagttga aatgagatga	360
aatgatgaaa tgatgagatg aaatgatgaa atgaaataat gaaatgagat gaaataaaaat	420
aatgaaatga tgaaataatg aaatgaaaat gaaatggaaa tgatgagatg agaagaaatg	480
atgagatgaa atgatgaaat	500

<210> 74
 <211> 299
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (31)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (57)..(57)

<223> n is a, c, g, or t

<400> 74

ggaaatcctg aagtggaaat gatgagctga nntgcaatga gttgaaatga gatgaancga 60

tgaaatgatg agatgaaatg atgagatgag atgtgatgaa atgatgatat gaaatgatga 120

cataaaatga gatgaaatga gatgtaatga tggaatgaga tgagatgaaa tgagatgaaa 180

tgatagatga gataaaatga tgatatgaaa tgatgagatg aatgatgaga tgatgagatg 240

aatgatgaaa tgaaatgatg agatgagatg atgaaatgaa atggtgagat gaaatgatg 299

<210> 75

<211> 155

<212> DNA

<213> Human

<400> 75

agtgaaatga aattgaaata aaatcgaaat gagatgagat gaaatgatga gatgatgaaa 60

taaaatgatg aaatgatgag gtgatgagat gaaatgatga gatgaaatga tgagatgaga 120

tgagatgaca tgaaataatg aaacgaaatt gaaat 155

<210> 76

<211> 367

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (11)..(11)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (35)..(35)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (37)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (43)..(43)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (56)..(56)

<223> n is a, c, g, or t

SEQLIST~1.TXT

<220>
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 <222> (67)..(67)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (75)..(75)
 <223> n is a, c, g, or t

<400> 76
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 ctacttnaga ngaantcctc gcaaaatcct tgaatcaccg cttcagtgc gtgatcac 120
 cgccatgaaa tttctgctcg attagcttac gttgtttgga tagaggccaa acaaggctgt 180
 tatcggtagc aggaatggat gttcgatttc gtagaatacg cctgagagac ggcgaatact 240
 ctcacgagag gcagcaggcg cgtaaattac ccaattacaa caagtagagg tagcgaagga 300
 aaatatgagg ggtggcaagg ttttgcctgt tacatttctca aatggaagca aattagatat 360
 gtcattg 367

<210> 77
 <211> 257
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 77
 actagnacag naatttttagc taagtggagt ttgagttaag tggagatgtg agaccatctc 60
 atagaaatca ttatttctgt gggatggata attgggccaa attgtaaaat attttaacta 120
 tcagtgtttg gggtttattt ttaaaagaat aggggtgccac cagatgttct ttagtggagg 180
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tattacaaa atatttggac cattantaaa gantagggcc aaccnaatt tttcttgaaa 180
tttccgttaa atagccgtta aatgttttta cccatttcat attggatacc ttaaattata 240
ataatggatt ttattgttaa attgtgtgtg tgtgggtgtg atgccctgtc ttttctcctc 300
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<400> 79

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ccttgatggt caagtattta agaccctatg cnaatatattt ttaccttttc taataaacca 120

tgttttgtt 128

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<212> DNA

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ggaaaaanaaa tccttttttaa anggaantcc aagggaagga ncctggncaa nacttcccn 180
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tgatgaaatg agatgagatg agaagaaatg acttgatgag atgagataaaa atgatgaaat 120
gaaatgaagt gaaatgaaat tgaaatgaga tgagatgaaa tgagataaaa tgatgagatg 180
aaatgagaag aaatgagatg aaatgatgaa atgatgagat gagatgaaaa atgatgggat 240

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gagaaatgag atgaaatgat gggatgaaat gaaatgaaat aatgaaataa tgaaatgaaa	300
tgaattgata atattgaagt gaaattgaaa gatgagattg gatgaaatga tgagatgaaa	360
tgaaatgttg aaatgaaatg aagagatgta acatgaaatg agctgaaatg atgagatgaa	420
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gacctctgaa tgtattantg anncaagtga tagccaagat attttgaaga aaaatagata	120
ntagggacct gctctataag cccatcataa tttattatga agttataaca agtaaaacag	180
taaggtattht ggcatggaat agagaaccca gaaacagacc caatgcatgg gtacaggata	240
taacacaggg aaatgaggga caatatatgg ttctgggata attatttata tggggaaaat	300
aaagaaattg gatccctacc tcacacatac aaaaaaaatc ataattgaat taaaaacttg	360

SEQLIST~1.TXT

catgtgaaag gaaagacttt aaaacattta gaaaaagtat tggaggctat gatcttgggg 420
taggaaagca tttctttttt tt 442

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aacttcctca gaaggacaag agacaaaagaa gtggggggagg ccctcctatc catagctgag 180
agggtttatt ctttgtggtt ctgctgtcag agcctttgga tgtctgatct gagatggagc 240
aaccacagct agacagaact ttgtagattt tgggggggtt aaaaggcctc aagcaaattc 300
taaaactttc tttgaacccc ctggcatagg ctcagtttcc ctgact 346

<210> 85
<211> 100
<212> DNA
<213> Human

<400> 85
acaaaaagcc cctttaaact tgggcccgcg cgagggtcgtt tcgactgggc cgagacttcc 60

gaaaagaaaa tggttttttt tgccgaaatc aaccgggtaa 100

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<212> DNA
<213> Human

<400> 86
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gaaaagagga agaaacgctt tttaggagtt aaggattaaa gtaaaaatta ttttgacata 120
attacctctt tttgtgacca ctcttaaagg ccaggaacat atttggagaa gcctagtgtgt 180
atgtaacagt gtgggggtttc a 201

<210> 87
<211> 531
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<400> 87
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tcttttacct cggcactcgg gtccaccctc gcggcaccag aggtattctc cggcgagtcg 180
ttaaccatcg caatcgccga ccgagtttaa ggaccactcc ccacctttct cattagttaa 240
ggagaacgct actttacccc atagacggag aaatcgctac tcaactacca ggcgcgcgcc 300
gtcgagtccc tcttcctctc tttatgcatt tagagcgctt tcgtaagagt tttccctaga 360
ttcttctaag cgtagcgcgt ctactccaat gttttcgta atccagcccg aactaacgcc 420
gcggaggagt cgatccgtct actcctatcc cgtcggctcg gatttactac aggagctaag 480
aaaacaaaaa gtaccagccc taaaggaaag tcaaaggacg cccgtaaaaa a 531

<210> 88
<211> 530
<212> DNA
<213> Human

<400> 88
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cattcgggtc agtgcctcgc cctattagcc cttaagcca ccgtttctaa aactcccaga 120
acagccaaac cggtcgccc aaggcctccg tcgttttata atatattccg tttacgtata 180
aggaacgaac cccccctcat taccacggtc ccgctgccc ctccttctcc attcgcaaca 240
gttctattcc tttcagcctc ccgtacctgc ttccagaaca tcgcaccgcc atagtcgaaa 300
gatagcaaag attaccagc ttctattcct cgccccagag ccgagtaaat cgaagtttat 360
agaggcggaa tccaaccatt caagagttat aacaagttat cggcactcgg gggatcagaa 420

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tataaactta atgtccccctt tattctccccg gacgccccctt ttaaccactt cttcctatct 480
ttcgctaaca agccattgac ggcgctttgc cgcgcgggcc catctcgcgt 530

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aattaaggna aggnnttaaaa aatttaacca angggggggtt taaagggnntt ttttttttta	180
aaaaaaaaagg ttaaancccc cccttttttt ttgggttggg gtgggaaaat tttgggaanc	240
cttaaccccc gggtttttgg gtttttttgg ccaaaccccc ccggaaaaaa attaaaaaaa	300
ggaccggttt ccattttaat ggggtattggg aa	332

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 <213> Human

<400> 90	
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cggtggtaac tattaataca taagtttaat cggtatttaa aatttttaaaa tcaaaaaaaaa	120
taaaatatat gcaaccctcc attccaagga agtatgatgt tactagatta tctgaaaatt	180
ctcct	185

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tcgttatgct ttccaatcct gcttgcaata taagacacaa agtcagaata aagctcaaga	180
aaacagaacg tgcaggccat caagcgcaga gcctgctcat tggacaaccg caaagagtag	240
taagtgtgct cgctattcac acttagaaaa ggagaaccac ggggaaaaac caaattaatg	300
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<400> 93
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